Part

A

Introduction

This volume of the Plan presents reports and materials prepared as part of the Sustained Timber Production Assessment of PALCO's ownership.

- Part B, Methods and Assumptions for Calculating the LTSY Projection, was prepared by VESTRA Resources, Inc. It describes the methods, assumptions, data base, and model used to prepare the projections; the silvicultural prescriptions and regimes applied in the simulation; and the assumptions regarding regeneration. This report also describes of how Wildlife Habitat Relationship (WHR) classifications were determined from the growth simulation results.

- Part C, LTSY Data and Graphs, consists of tables and illustrations generated by VESTRA. These materials present the LTSY projections in terms of specific aspects of the ownership, including forest seral type, seral types within Class I and II buffers, WHR types, and levels of watershed disturbance (measured by disturbance index).

- Part D, Methods and Assumptions for PALCO's Baseline Vegetation Inventory, supplements VESTRA's discussion of the model with a description of PALCO's vegetation data base. The description is an excerpt from a report by Hammon, Jensen, Wallen & Associates, the company that prepared a property-wide inventory of vegetation types on PALCO's ownership.

- Part E, Calibration of the FREIGHTS Model, explains how the model differs from CRYPTOS and how it was calibrated to match volume estimates for redwood stands on PALCO lands.

- Part F, Independent Evaluation of the LTSY Model's Accuracy, includes statements from two experts, Dr. Greg Biging and Dr. Lawrence Davis. These evaluations are in addition to that provided in the VESTRA report.

- Part G, Provisions for Monitoring Intensive Management Treatment, identifies the measures that PALCO will implement to monitor effects of the intensive management regimes. The measures were developed in cooperation with CDF.

- Part H, Relationship of THPs to the SYP/HCP, identifies how the information and measures in the plan will be incorporated into the THP process.